

=> b reg;d que sta l15
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STRUCTURE FILE UPDATES: 18 SEP 2007 HIGHEST RN 947490-11-1
 DICTIONARY FILE UPDATES: 18 SEP 2007 HIGHEST RN 947490-11-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

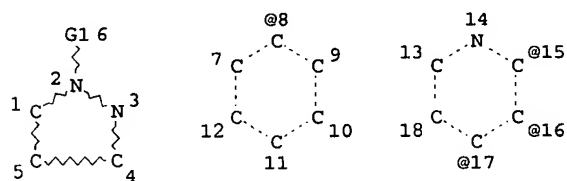
TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

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 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

L3 STR

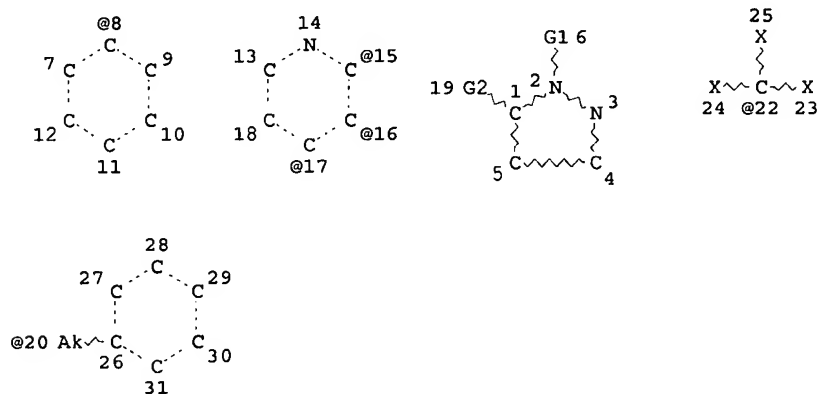


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 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RSPEC 2 7 13
 NUMBER OF NODES IS 18

STEREO ATTRIBUTES: NONE
 L4 (239539)SEA FILE=REGISTRY SSS FUL L3
 L5 STR



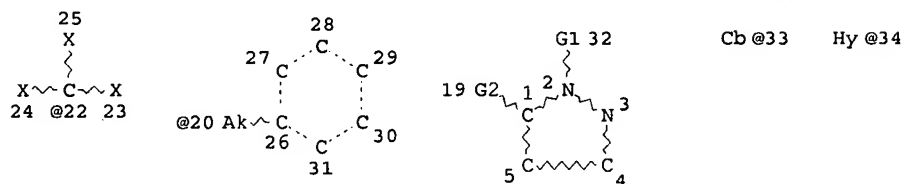
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 ECOUNT IS M1-X5 C AT 20

GRAPH ATTRIBUTES:

RSPEC 7 13 2
NUMBER OF NODES IS 30

STEREO ATTRIBUTES: NONE

L6 (59980)SEA FILE=REGISTRY SUB=L4 SSS FUL L5
L7 STR



VAR G1=33/34

VAR G2=AK/20/CB/22

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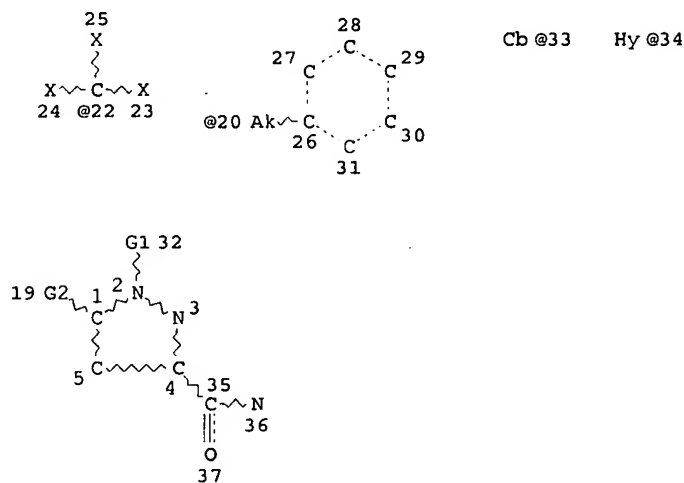
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GRAPH ATTRIBUTES:

RSPEC 2
NUMBER OF NODES IS 20

STEREO ATTRIBUTES: NONE

L8 (30343)SEA FILE=REGISTRY SUB=L6 SSS FUL L7
L9 STR



VAR G1=33/34

VAR G2=AK/20/CB/22

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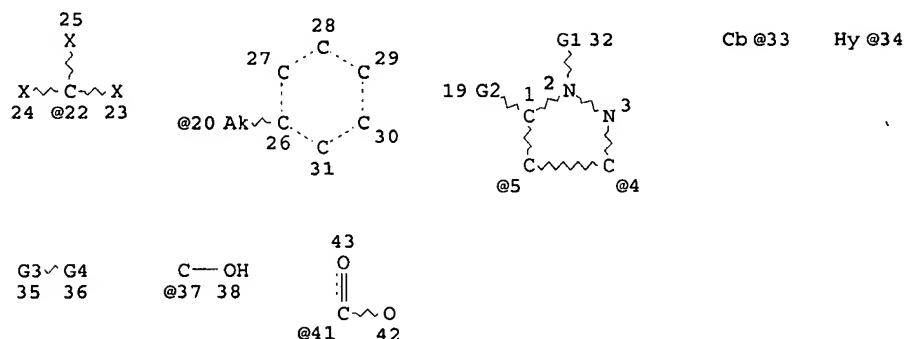
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GRAPH ATTRIBUTES:

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NUMBER OF NODES IS 23

STEREO ATTRIBUTES: NONE

L10 (2389)SEA FILE=REGISTRY SUB=L8 SSS FUL L9
 L11 (27954)SEA FILE=REGISTRY ABB=ON PLU=ON L8 NOT L10
 L12 4795 SEA FILE=REGISTRY ABB=ON PLU=ON L11 AND 46.156.30/RID
 L13 STR



VAR G1=33/34
 VAR G2=AK/20/CB/22
 VAR G3=4/5
 VAR G4=37/CHO/41

NODE ATTRIBUTES:

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 ECOUNT IS E5 C E1 N AT 34

GRAPH ATTRIBUTES:

RSPEC 2
 NUMBER OF NODES IS 27

STEREO ATTRIBUTES: NONE

L15 144 SEA FILE=REGISTRY SUB=L12 SSS FUL L13

100.0% PROCESSED 4491 ITERATIONS
 SEARCH TIME: 00.00.01

144 ANSWERS

=> b hcap

FILE 'HCAPLUS' ENTERED AT 17:41:00 ON 19 SEP 2007
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FILE COVERS 1907 - 19 Sep 2007 VOL 147 ISS 13
 FILE LAST UPDATED: 18 Sep 2007 (20070918/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

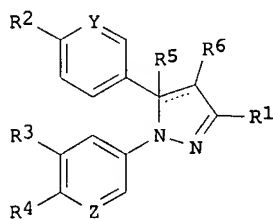
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d bib abs hitstr 124 tot

L24 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:325402 HCAPLUS
 DN 145:103666
 TI Preparation of pyrazoles as cyclooxygenase inhibitors
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO Aust. Pat. Appl., 68 pp.
 CODEN: AUXXCM
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	AU2004200420	A1	20040930	2004AU-0200420	20040206 <--
PRAI	2003AU-0901100	A	20030311	<--	
OS	MARPAT 145:103666				
GI					



I

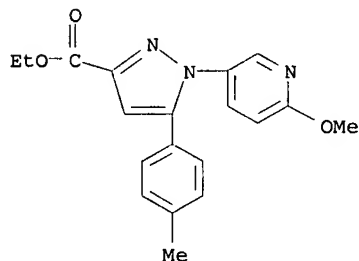
AB The title compds. I [R1 = halo, CN, alkylcarbonyl, etc.; R2 = halo, CN, alkyl, etc.; R3 = H, alkyl; R4 = halo, CN, NO2, alkyl, etc.; or R3 and R4 may form 2,3-dihydrofuryl; R5 = OH and R6 = H in case of single bond between carbon atoms to which R5 and R6 are attached; or R5 and R6 do not exist in case of double bond; Y = CH and Z = N, Y = N and Z = CH, or Y = N and Z = N], useful for treating and/or preventing inflammatory conditions, various pains, collagen disease, autoimmune diseases, various immunity diseases, thrombosis, cancer or neurodegenerative diseases, were prepared Thus, treating a solution of 5-amino-2-methoxypyridine in 1N HCl with sodium nitrite and with tin (II) chloride dihydrate followed by addition of 4-(4,4-difluoro-3-oxobutanoyl)benzonitrile and acetic acid afforded 32% 5-(4-cyanophenyl)-3-difluoromethyl-1-(6-methoxy-3-pyridyl)-1H-pyrazole which showed IC50 of <0.01 µM against COX-1. Pharmaceutical composition comprising the compound I is disclosed.

IT 741286-77-1P 741286-88-4P 896133-10-1P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of pyrazoles as cyclooxygenase inhibitors)

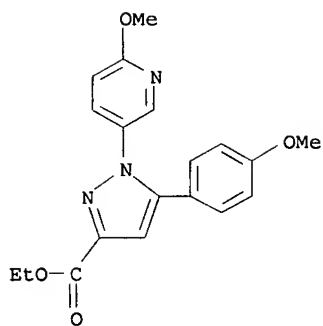
RN 741286-77-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-, ethyl ester (9CI) (CA INDEX NAME)



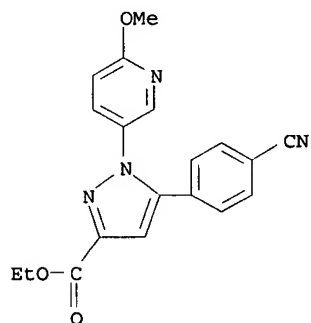
RN 741286-88-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 896133-10-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-cyanophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (CA INDEX NAME)



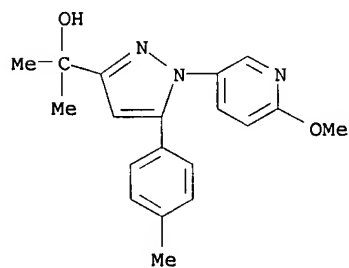
IT 896133-22-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazoles as cyclooxygenase inhibitors)

RN 896133-22-5 HCAPLUS

CN 1H-Pyrazole-3-methanol, 1-(6-methoxy-3-pyridinyl)- α,α -dimethyl-5-(4-methylphenyl)- (CA INDEX NAME)



L24 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:612279 HCAPLUS

DN 143:133365

TI Preparation of pyrazole carboxamide derivatives as platelet aggregation inhibitors for treatment of ischemia

IN Kanaya, Naoaki; Ishiyama, Takashi; Muto, Ryo; Ochiai, Yuichi; Watanabe, Toshiyuki; Kuru, Noriko

PA Daiichi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 329 pp.

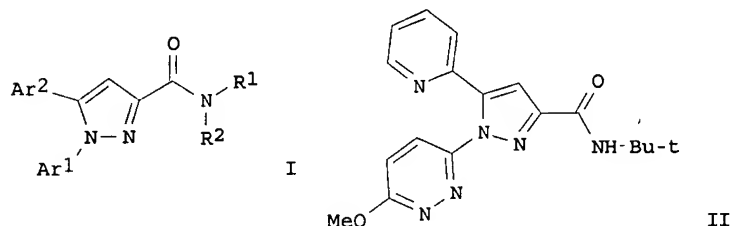
CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO2005063737	A1	20050714	2004WO-JP19582	20041227 <--	
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	RW:			BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
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	CA---2551604	A1	20050714	2004CA-2551604	20041227 <--	
	EP---1698626	A1	20060906	2004EP-0807937	20041227 <--	
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS		
	CN---1902191	A	20070124	CN 2004-80039042	20041227 <--	
	MX2006PA07424	A	20060913	2006MX-PA07424	20060626 <--	
	NO2006003090	A	20060921	2006NO-0003090	20060704 <--	
PRAI	2003JP-0434726	A	20031226	<--		
	2004JP-0012154	A	20040120	<--		
	2004JP-0321117	A	20041104			
	2004WO-JP19582	W	20041227			
OS	MARPAT 143:133365					
GI						



AB Title compds. represented by the formula I [wherein Ar¹, Ar² = independently (un)substituted (hetero)aryl; R¹ = alkyl, alkoxycarbonyl, acyl, etc.; R² = H, alkyl; and their salts or solvates thereof] were prepared as platelet aggregation inhibitors. For example, II was given in a multi-step synthesis starting from 5-amino-2-methoxypyridine. I showed inhibition of platelet aggregation, but not for COX-1 and COX-2. Thus, I and their pharmaceutical compns. are useful prepared as platelet aggregation inhibitors for the treatment of ischemia.

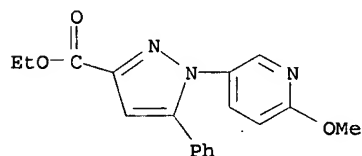
IT 741286-83-9P 741287-84-3P 858598-00-2P 858598-10-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyrazole carboxamide derivs. as platelet aggregation inhibitors for treatment of ischemia)

RN 741286-83-9 HCAPLUS

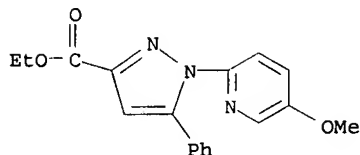
CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



RN 741287-84-3 HCAPLUS

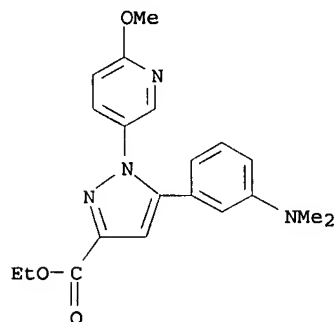
CN 1H-Pyrazole-3-carboxylic acid, 1-(5-methoxy-2-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

ester (9CI) (CA INDEX NAME)



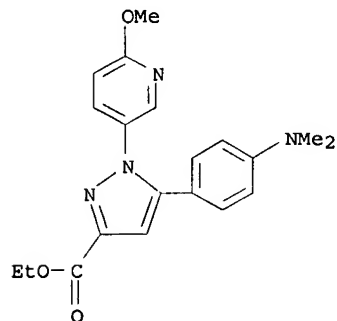
RN 858598-00-2 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[3-(dimethylamino)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 858598-10-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(dimethylamino)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 3 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:612278 HCAPLUS

DN 143:133364

TI Preparation of pyrazole carboxamide derivatives as platelet aggregation
inhibitors for treatment of ischemia

IN Horino, Haruhiko; Kanaya, Naoaki

PA Daiichi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DT Patent

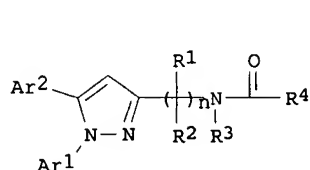
LA Japanese

FAN.CNT 1

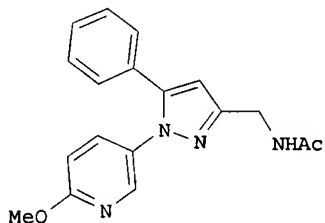
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WO2005063736	A1	20050714	2004WO-JP19310	20041224 <--
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NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

JP2007084437 A 20070405 2003JP-0433974 20031226 <--
 PRAI 2003JP-0433974 A 20031226 <--
 OS MARPAT 143:133364
 GI



I



II

AB Title compds. represented by the formula I [wherein Ar1, Ar2 = independently (un)substituted (hetero)aryl; R1, R2 = independently H or alkyl; R3 = H or (un)substituted alkyl; R4 = (un)substituted alkyl, amino, alkoxy, carbamoyl, heterocyclyl; n = 0 or 1; and their salts or solvates thereof] were prepared as platelet aggregation inhibitors. For example, II was given in a multi-step synthesis starting from 5-amino-2-methoxypyridine. I showed inhibition of platelet aggregation, but not for COX-1 and COX-2. Thus, I and their pharmaceutical compns. are useful as platelet aggregation inhibitors for the treatment of ischemia.

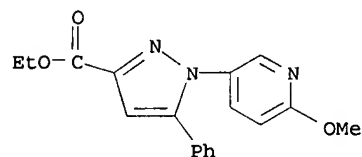
IT 741286-83-9P 741287-25-2P 858520-67-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyrazole carboxamide derivs. as platelet aggregation inhibitors for treatment of ischemia)

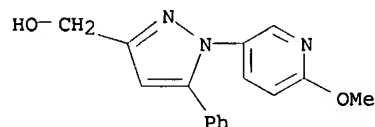
RN 741286-83-9 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



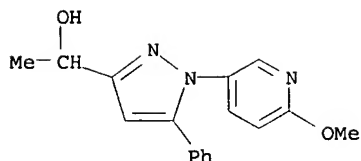
RN 741287-25-2 HCAPLUS

CN 1H-Pyrazole-3-methanol, 1-(6-methoxy-3-pyridinyl)-5-phenyl- (9CI) (CA INDEX NAME)



RN 858520-67-9 HCAPLUS

CN 1H-Pyrazole-3-methanol, 1-(6-methoxy-3-pyridinyl)-α-methyl-5-phenyl- (9CI) (CA INDEX NAME)



RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 4 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:675738 HCAPLUS

DN 141:207201

TI Preparation of pyrazole derivatives as antiplatelet aggregation agents for the treatment of ischemic diseases

IN Kanaya, Naoaki; Ishihara, Hiroaki; Kimura, Youichi; Ishiyama, Takashi; Ochiai, Yuichi

PA Daiichi Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 383 pp.

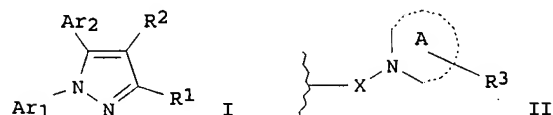
CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP---1591443	A1	20051102	2004EP-0708886	20040206 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
CN---1759110	A	20060412	CN 2004-80006550	20040206 <--
IN2005DN03167	A	20070525	2005IN-DN03167	20050718 <--
NO2005003648	A	20051101	2005NO-0003648	20050727 <--
US2006128685	A1	20060615	2005US-0543915	20050729 <--
PRAI 2003JP-0031639	A	20030207	<--	
2003JP-0386515	A	20031117	<--	
2004WO-JP01259	W	20040206	<--	
OS MARPAT 141:207201				
GI				



AB Title compds. I [Ar1 = aromatic heterocycle; Ar2 = aromatic heterocycle, etc.; R1 = II; A = cycle containing N, S, O; X = carbonyl, etc.; R3 = H, halo, etc.; R2 = H, halo, etc.] were prepared For example, N-(3-Dimethylaminopropyl)-N'-ethylcarbodiimide HCl mediated acylation of N-cyclopropylpiperazine hydrochloride with 1-(6-methoxy-3-pyridyl)-5-(2-pyridyl)pyrazole-3-carboxylic acid, e.g., prepared from 2-acetylpyridine in 3 steps, afforded compound I [Ar1 = 2-methoxypyridin-5-yl; Ar2 = 2-pyridyl; R1 = 1-cyclopropylpiperazine-4-carbonyl; R2 = H] in 83% yield. In antiplatelet activity assays, the IC50 value of compound I [Ar1 = 2-methoxypyridin-5-yl; Ar2 = 2-pyridyl; R1 = 1-cyclopropylpiperazine-4-carbonyl; R2 = H] was 0.035 μ M. Of note, compds. I inhibited neither COX-1 nor COX-2. Compds. I are claimed useful for the treatment of ischemic diseases.

IT 741286-30-6P 741286-33-9P 741286-43-1P
741286-47-5P 741286-53-3P 741286-77-1P
741286-81-7P 741286-83-9P 741286-88-4P

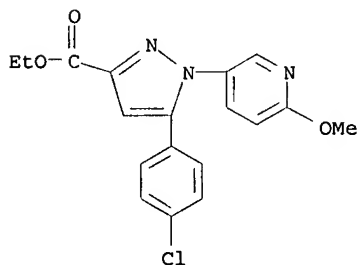
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 741287-84-3P 741291-47-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)

(preparation of pyrazole derivs. as antiplatelet aggregation agents for
 treatment of ischemic diseases)

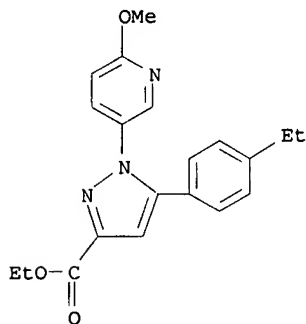
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CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(6-methoxy-3-
 pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



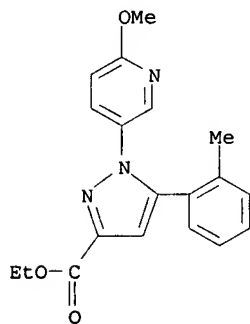
RN 741286-33-9 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-ethylphenyl)-1-(6-methoxy-3-pyridinyl)-
 , ethyl ester (9CI) (CA INDEX NAME)



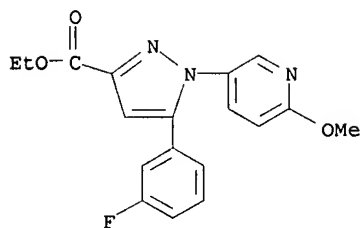
RN 741286-43-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-(2-
 methylphenyl)-, ethyl ester (9CI) (CA INDEX NAME)

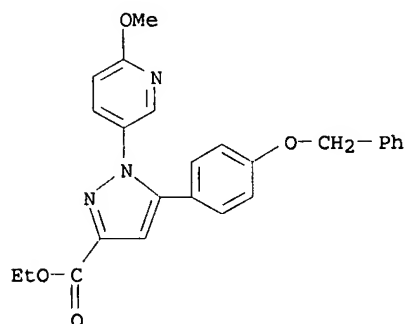


RN 741286-47-5 HCAPLUS

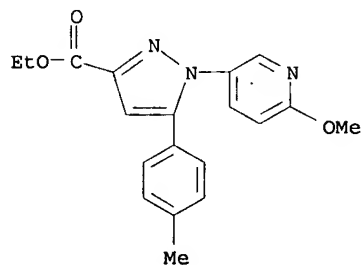
CN 1H-Pyrazole-3-carboxylic acid, 5-(3-fluorophenyl)-1-(6-methoxy-3-
 pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



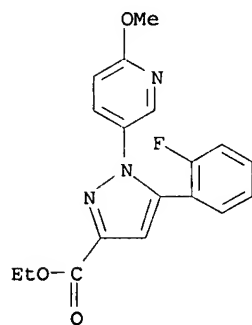
RN 741286-53-3 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-[4-(phenylmethoxy)phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 741286-77-1 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-(4-methylphenyl)-, ethyl ester (9CI) (CA INDEX NAME)

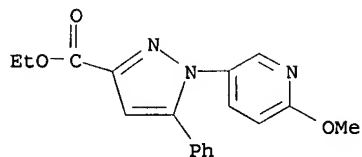


RN 741286-81-7 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-(2-fluorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



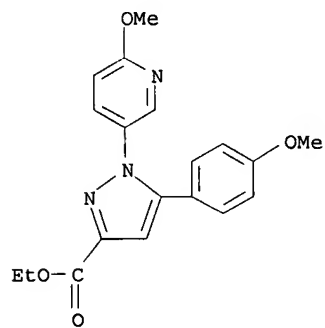
RN 741286-83-9 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-phenyl-, ethyl

ester (9CI) (CA INDEX NAME)



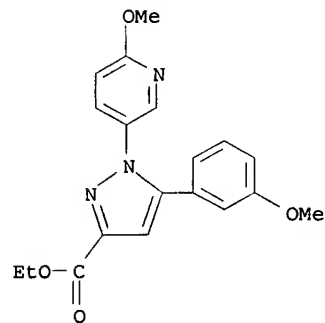
RN 741286-88-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



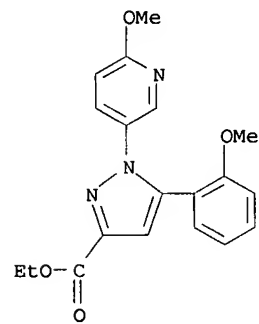
RN 741286-91-9 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(3-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



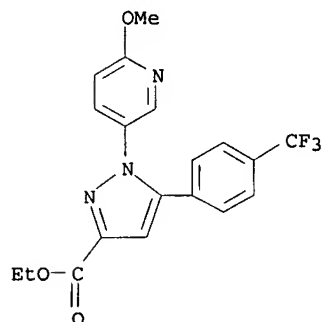
RN 741286-93-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(2-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



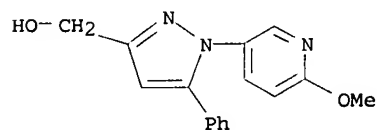
RN 741286-95-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-[4-(trifluoromethyl)phenyl]-, ethyl ester (9CI) (CA INDEX NAME)



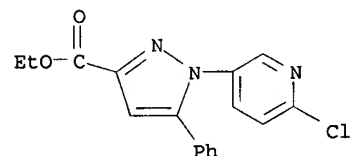
RN 741287-25-2 HCAPLUS

CN 1H-Pyrazole-3-methanol, 1-(6-methoxy-3-pyridinyl)-5-phenyl- (9CI) (CA INDEX NAME)



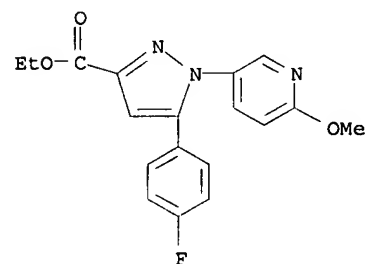
RN 741287-66-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(6-chloro-3-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



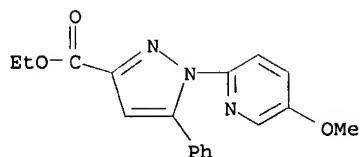
RN 741287-78-5 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-fluorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

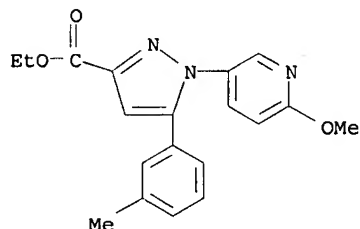


RN 741287-84-3 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-(5-methoxy-2-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)

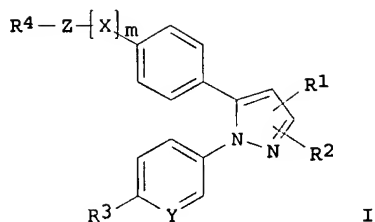


RN 741291-47-4 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-(3-methylphenyl)-, ethyl ester (9CI) (CA INDEX NAME)



L24 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2004:493684 HCAPLUS
 DN 141:54327
 TI Preparation of pyrazole derivatives useful as COX-1 inhibitors
 IN Shirai, Fumiyuki; Azami, Hidenori; Kayakiri, Natsuko; Okumura, Kazuo; Nakamura, Katsuya
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 436 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO2004050632	A1	20040617	2003WO-JP14489	20031114 <--
W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW	
RW:			BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
CA---2505945	A1	20040617	2003CA-2505945	20031114 <--
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BR2003016332	A	20050927	2003BR-0016332	20031114 <--
CN---1717393	A	20060104	CN 2003-80104548	20031114 <--
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MX2005PA05742	A	20050816	2005MX-PA05742	20050530 <--
IN2005CN01453	A	20070622	2005IN-CN01453	20050629 <--
NO2005003215	A	20050901	2005NO-0003215	20050630 <--
PRAI 2002AU-0953019	A	20021202	<--	
2002AU-0953602	A	20021230	<--	
2003AU-0902015	A	20030429	<--	
2003WO-JP14489	W	20031114	<--	
OS MARPAT 141:54327				
GI				



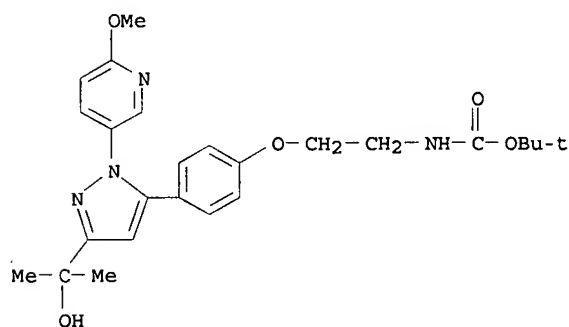
AB The compds. [I; R1 = H, alkyl; R2 = alkyl, haloalkyl, hydroxyalkyl, etc.; R3 = alkoxy, halo, CN, etc.; R4 = H, CN, OH, etc.; X = O, S, SO, SO2; Y = CH, N; Z = alkylene, alkenylene; m = 0-1], were prepared E.g., a 3-step synthesis of 4-[3-isopropyl-1-(4-methoxyphenyl)-1H-pyrazol-5-yl]phenol, was given. The compds. I have an inhibiting activity against COX, particularly a selective inhibiting activity against COX-1 (data for representative compds. I is given). The pharmaceutical composition comprising the compound I is claimed.

IT 705933-46-6P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of pyrazole derivs. useful as COX-1 inhibitors)

RN 705933-46-6 HCAPLUS

CN Carbamic acid, [2-[4-[3-(1-hydroxy-1-methylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI)
(CA INDEX NAME)



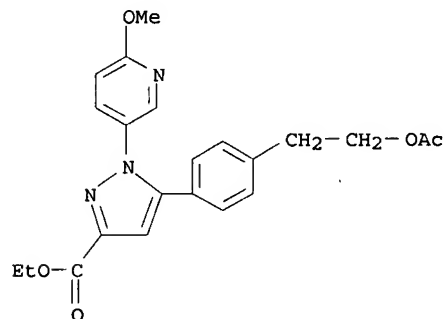
IT 705934-45-8P 705935-79-1P 705936-08-9P
705936-11-4P 705937-87-7P 705938-84-7P
705938-88-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrazole derivs. useful as COX-1 inhibitors)

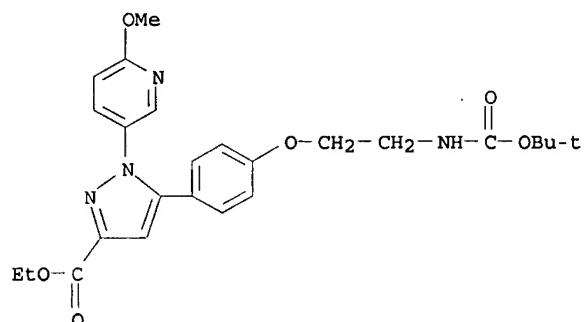
RN 705934-45-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[2-(acetyloxy)ethyl]phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



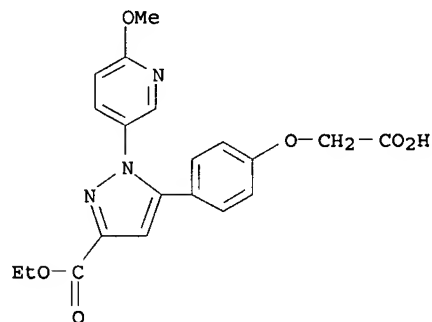
RN 705935-79-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[2-[[1,1-dimethylethoxy)carbonyl]amino]ethoxy]phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



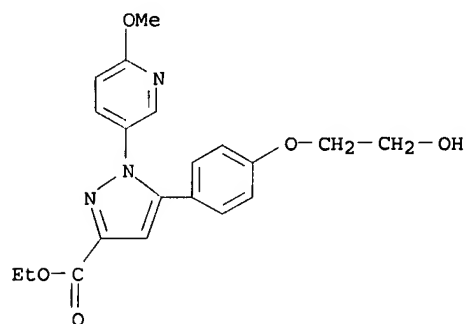
RN 705936-08-9 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(carboxymethoxy)phenyl]-1-(6-methoxy-3-pyridinyl)-, 3-ethyl ester (9CI) (CA INDEX NAME)



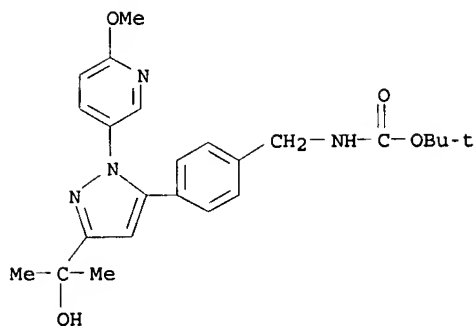
RN 705936-11-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(2-hydroxyethoxy)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



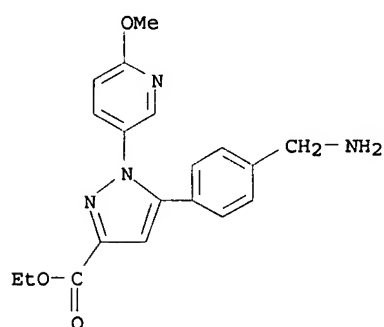
RN 705937-87-7 HCAPLUS

CN Carbamic acid, [[4-[3-(1-hydroxy-1-methylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 705938-84-7 HCAPLUS

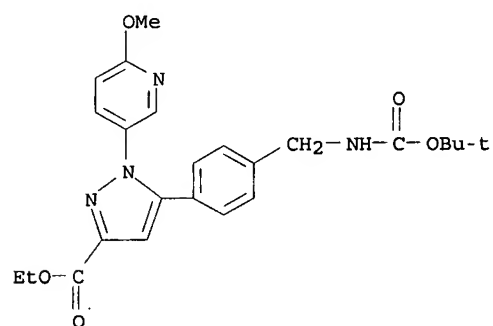
CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(aminomethyl)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

RN 705938-88-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[[[(1,1-dimethylethoxy)carbonyl]amino]methyl]phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

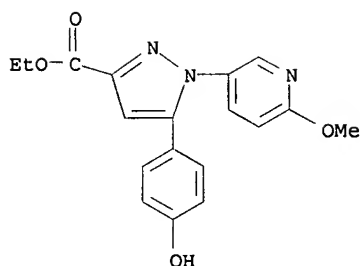


IT 705939-67-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of pyrazole derivs. useful as COX-1 inhibitors)

RN 705939-67-9 HCAPLUS

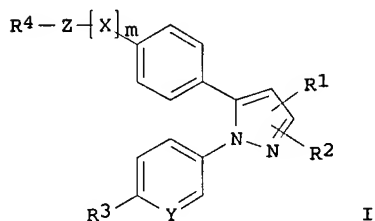
CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

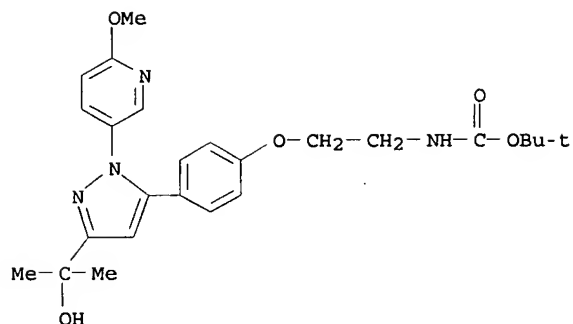
L24 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 2004:493568 HCAPLUS
DN 141:54325
TI Preparation of pyrazole derivatives useful as COX-1 inhibitors
IN Shirai, Fumiyuki; Azami, Hidenori; Kayakiri, Natsuko; Okumura, Kazuo;
Nakamura, Katsuya
PA Fujisawa Pharmaceutical Co., Ltd., Japan
SO U.S. Pat. Appl. Publ., 142 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US2004116475	A1	20040617	2003US-0706999	20031114 <--
	US---7183306	B2	20070227		
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	US2007112037	A1	20070517	2006US-0610230	20061213 <--
PRAI	2002AU-0953019	A	20021202	<--	
	2002AU-0953602	A	20021230	<--	
	2003AU-0902015	A	20030429	<--	
	2003US-0706999	A3	20031114	<--	
OS	MARPAT 141:54325				
GI					



AB The compds. [I; R1 = H, alkyl; R2 = alkyl, haloalkyl, hydroxyalkyl, etc.; R3 = alkoxy, halo, CN, etc.; R4 = H, CN, OH, etc.; X = O, S, SO, SO2; Y = CH, N; Z = alkylene, alkenylene; m = 0-1], were prepared E.g., a 3-step synthesis of 4-[3-isopropyl-1-(4-methoxyphenyl)-1H-pyrazol-5-yl]phenol, was given. The compds. I have an inhibiting activity against COX, particularly a selective inhibiting activity against COX-1 (data for representative compds. I is given). The pharmaceutical composition comprising the compound I is claimed.

IT 705933-46-6P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of pyrazole derivs. useful as COX-1 inhibitors)
RN 705933-46-6 HCAPLUS
CN Carbamic acid, [2-[4-[3-(1-hydroxy-1-methylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI)
(CA INDEX NAME)



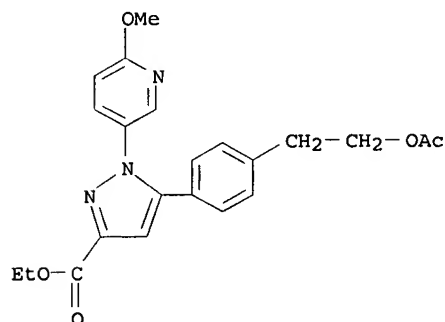
IT 705934-45-8P 705935-79-1P 705936-08-9P
705936-11-4P 705937-87-7P 705938-84-7P
705938-88-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(preparation of pyrazole derivs. useful as COX-1 inhibitors)

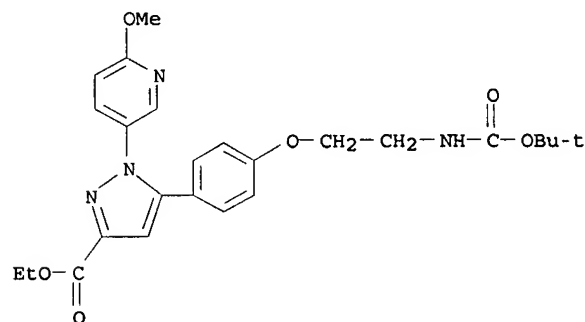
RN 705934-45-8 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[2-(acetyloxy)ethyl]phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



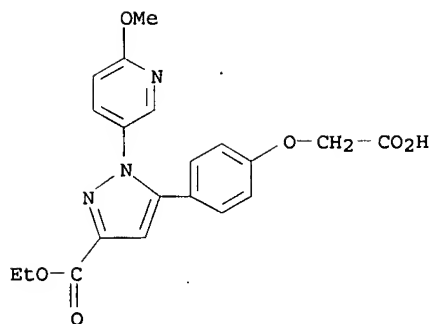
RN 705935-79-1 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[2-[(1,1-dimethylethoxy)carbonyl]amino]ethoxy]phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



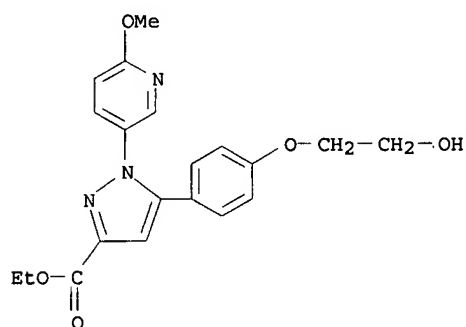
RN 705936-08-9 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(carboxymethoxy)phenyl]-1-(6-methoxy-3-pyridinyl)-, 3-ethyl ester (9CI) (CA INDEX NAME)



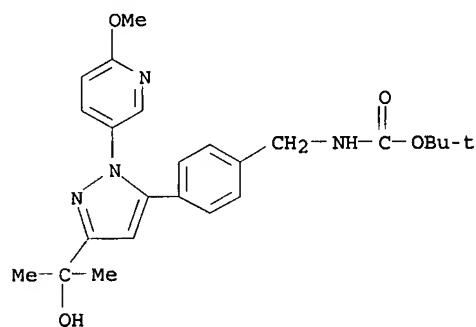
RN 705936-11-4 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(2-hydroxyethoxy)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



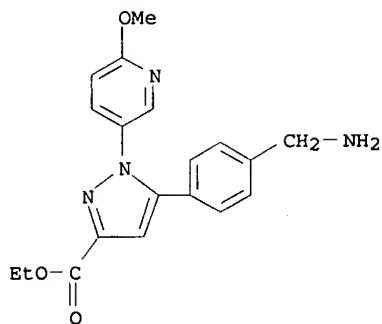
RN 705937-87-7 HCAPLUS

CN Carbamic acid, [[4-[3-(1-hydroxy-1-methylethyl)-1-(6-methoxy-3-pyridinyl)-1H-pyrazol-5-yl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



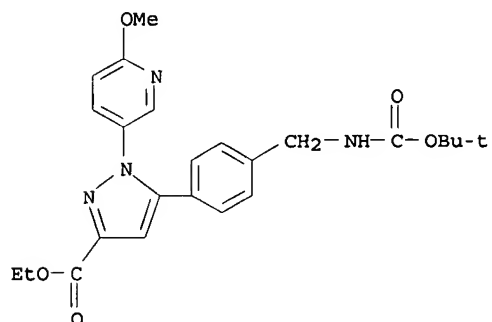
RN 705938-84-7 HCAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-[4-(aminomethyl)phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

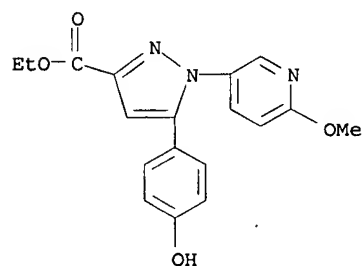


● 2 HCl

RN 705938-88-1 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-[4-[[[(1,1-dimethylethoxy)carbonyl]amino]methyl]phenyl]-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



IT 705939-67-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of pyrazole derivs. useful as COX-1 inhibitors)
 RN 705939-67-9 HCAPLUS
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

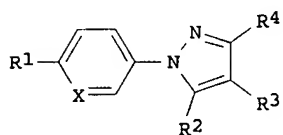


RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

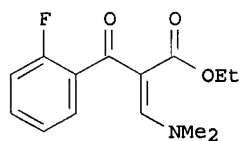
L24 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 2003:279562 HCAPLUS
 DN 138:304276
 TI Preparation of pyrazoles as glycine transporter protein inhibitors for the treatment of neurodegenerative diseases
 PA Merck Patent G.m.b.H., Germany; Yamanouchi Pharmaceutical Co.
 SO Ger. Offen., 62 pp.

CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

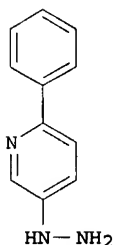
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
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PRAI	2001DE-1049370	A	20011006 <--		
	2002WO-EP10172	W	20020911 <--		
OS	MARPAT 138:304276				
GI					



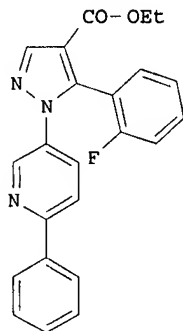
I



II



III

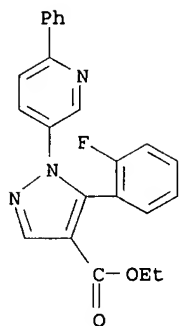


IV

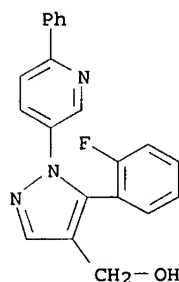
AB Title compds. I [X = CH, N; R1 = H, A, halo, etc.; R2 = Ph, p-chlorophenyl; R3, R4 = H, (CH2)nCO2R5, CHO, etc.; R5 = H, A; A = alkyl, alkenyl, alkoxyalkyl, etc.; n = 0-5] and their pharmaceutically acceptable salts were prepared. For example, condensation of enamine II e.g., prepared from 1,1-dimethoxy-N,N-dimethylmethanamine and 2-fluoro-β-oxo-benzenepropanoic acid Et ester, and aryl hydrazine III, e.g., prepared from 2-chloro-5-nitropyridine in 3-steps, provided pyrazole IV (no yield provided). In glycine transporter protein inhibition studies, approx. 71-examples of compds. I exhibited IC50 values ranging from 0.15 - 8.7 μM, e.g., the IC50 value of pyrazole IV = 2.5 μM. Compds. I are claimed useful for the treatment of schizophrenia, depression, dementia, etc.

IT 508219-76-9P, 5-(2-Fluorophenyl)-1-(6-phenylpyridin-3-yl)-1H-pyrazol-4-carboxylic acid ethyl ester
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (drug candidate; preparation of pyrazoles as glycine transporter protein inhibitors for the treatment of neurodegenerative diseases)

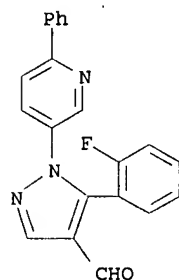
RN 508219-76-9 HCAPLUS
 CN 1H-Pyrazole-4-carboxylic acid, 5-(2-fluorophenyl)-1-(6-phenyl-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



IT 508219-77-0P, [5-(2-Fluorophenyl)-1-(6-phenylpyridin-3-yl)-1H-pyrazol-4-yl]methanol
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (drug candidate; preparation of pyrazoles as glycine transporter protein inhibitors for the treatment of neurodegenerative diseases)
 RN 508219-77-0 HCAPLUS
 CN 1H-Pyrazole-4-methanol, 5-(2-fluorophenyl)-1-(6-phenyl-3-pyridinyl)- (9CI)
 (CA INDEX NAME)



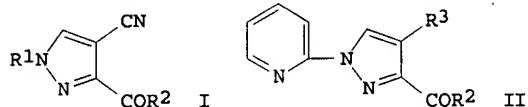
IT 508219-82-7
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of pyrazoles as glycine transporter protein inhibitors for the treatment of neurodegenerative diseases)
 RN 508219-82-7 HCAPLUS
 CN 1H-Pyrazole-4-carboxaldehyde, 5-(2-fluorophenyl)-1-(6-phenyl-3-pyridinyl)- (9CI) (CA INDEX NAME)



L24 ANSWER 8 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
 AN 1987:423332 HCAPLUS
 DN 107:23332
 TI Cyanopyrazole derivatives as intermediates for herbicides and algicides.
 IN Beck, James R.
 PA Eli Lilly and Co., USA
 SO U.S., 10 pp. Cont.-in-part of U.S. Ser. No. 549,111, abandoned.
 CODEN: USXXAM

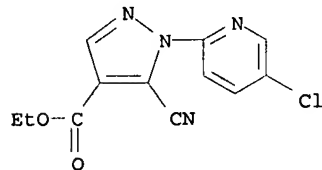
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US----4631343	A	19861223	1984US-0650160	19840913 <--
PRAI	1983US-0549111	A2	19831107	<--	
OS	CASREACT 107:23332; MARPAT 107:23332				
GI					



AB The title compds. [I; R1 = C5-6 cycloalkyl, 2-quinolinyl, (un)substituted Ph, 2-pyridinyl, 4-pyridinyl; R2 = C1-4 (halo)alkyl, (halo)alkoxy, halo] were prepared as intermediates for 5-cyano-1H-pyrazole-4-carboxamide herbicides (no data). 2-Hydrazinopyridine and EtOCH:C(CN)CO2Et were heated in HOAc to give pyridinylpyrazolecarboxylate II (R2 = EtO, R3 = NH2). This was chlorinated with NOCl and cyanated with NaCN to give II (R2 = EtO, R3 = cyano) which was heated with MeNH2 to give II (R2 = MeNH, R3 = cyano).

IT 98476-17-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as algicide and herbicide intermediate)
RN 98476-17-6 HCAPLUS
CN 1H-Pyrazole-4-carboxylic acid, 1-(5-chloro-2-pyridinyl)-5-cyano-, ethyl ester (9CI) (CA INDEX NAME)

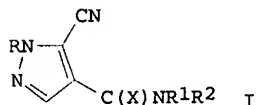


L24 ANSWER 9 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 1985:541948 HCAPLUS
DN 103:141948
TI Cyanopyrazole herbicides
IN Beck, James Richard
PA Eli Lilly and Co., USA
SO Brit. UK Pat. Appl., 28 pp.
CODEN: BAXXDU

DT Patent
LA English
FAN.CNT 1

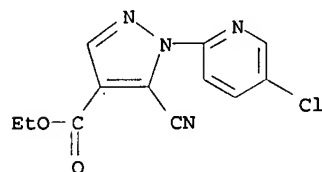
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PI	GB---2149403	A	19850612	1984GB-0027972	19841105 <--
	GB---2149403	B	19871028		
	US---4589905	A	19860520	1984US-0650132	19840913 <--
	IL----73418	A	19880229	1984IL-0073418	19841104 <--
	EP---151867	A2	19850821	1984EP-0307629	19841105 <--
	EP---151867	A3	19870401		
	EP---151867	B1	19900110		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT---49404	T	19900115	1984AT-0307629	19841105 <--
	DK---8405277	A	19850508	1984DK-0005277	19841106 <--
	FI---8404348	A	19850508	1984FI-0004348	19841106 <--
	JP---60172968	A	19850906	1984JP-0235946	19841106 <--
	BR---8405645	A	19850910	1984BR-0005645	19841106 <--
	HU---36345	A2	19850930	1984HU-0004120	19841106 <--
	HU---196112	B	19881028		
	ES---537400	A1	19860101	1984ES-0537400	19841106 <--
	ZA---8408666	A	19860129	1984ZA-0008666	19841106 <--

CA---	1227483	A1	19870929	1984CA-0467154	19841106 <--
SU---	1422996	A3	19880907	1984SU-3812255	19841106 <--
AU---	8435148	A	19850516	1984AU-0035148	19841107 <--
AU----	572913	B2	19880519		
ES----	546905	A1	19860301	1985ES-0546905	19850912 <--
SU---	1447281	A3	19881223	1986SU-4028496	19861113 <--
PRAI	1983US-0549133	A	19831107	<--	
	1984EP-0307629	A	19841105	<--	
OS	CASREACT 103:141948; MARPAT 103:141948				
GI					



AB Cyanopyrazoles I [R = alkyl, cycloalkyl, 2-quinolinyl, (un)substituted Ph, 2-pyridyl, 4-pyridyl; R1, R2 = H, alkyl, alkenyl, alkynyl, cycloalkyl, alkoxy; NR1R2 = piperidino, morpholino, pyrrolidino; X = O, S] (101 compds.) were prepared. Thus, Me3CNHNH2.HCl was cyclocondensed with Me2NCH:C(COME)CO2Et to give Et 5-methyl-1-tert-butyl-1H-pyrazole-4-carboxylate, which was brominated with NBS to give the 5-(bromomethyl) compound. The latter compound, by the procedure described by H. B. Hass and M. L. Bender (1949), was converted to the 5-formyl compound, which was treated with H2NOH.HCl to give the oxime. The oxime was dehydrated with SOCl2 to give Et 5-cyano-1-tert-butyl-1H-pyrazole-4-carboxylate which was saponified to the carboxylic acid. The acid was treated with carbonyldiimidazole and MeNH2 to give I (R = Me3C, R1 = Me, R2 = H, X = O). I are useful both as preemergent and postemergent herbicides (no data).

IT 98476-17-6
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (amidation of)
 RN 98476-17-6 HCAPLUS
 CN 1H-Pyrazole-4-carboxylic acid, 1-(5-chloro-2-pyridinyl)-5-cyano-, ethyl ester (9CI) (CA INDEX NAME)



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 CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 17:42:46 ON 19 SEP 2007
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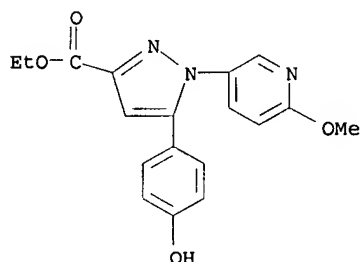
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L26 ANSWER 1 OF 6 USPATFULL on STN
 AN 2007:128681 USPATFULL
 TI Pyrazole Derivatives
 IN SHIRAI, Fumiyuki, Osaka, JAPAN
 Azami, Hidenori, Osaka, JAPAN
 Kayakiri, Natsuko, Osaka, JAPAN
 Okumura, Kazuo, Osaka, JAPAN
 Nakamura, Katsuya, Osaka, JAPAN
 PA FUJISAWA PHARMACEUTICAL CO., LTD., Osaka-shi, JAPAN (non-U.S. corporation)
 PI US-20070112037 A1 20070517

AI 2006US-000610230 A1 20061213 (11)
 RLI Division of Ser. No. 2003US-000706999, filed on 14 Nov 2003, GRANTED,
 Pat. No. US-----7183306
 PRAI 2002AU-2002953019 20021202
 2002AU-2002953602 20021230
 2003AU-2003902015 20030429
 DT Utility
 FS APPLICATION
 LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,
 ALEXANDRIA, VA, 22314, US
 CLMN Number of Claims: 12
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 9883
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A compound of the formula (I): ##STR1## wherein

R.sup.1 is hydrogen or lower alkyl;
 R.sup.2 is lower alkyl, etc.;
 R.sup.3 is lower alkoxy, etc.;
 R.sup.4 is hydroxy, etc.; X is O, S, etc.; Y is CH or N; Z is lower alkylene or
 lower alkenylene; and m is 0 or 1; or salts thereof, which are useful as
 a medicament.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 705939-67-9P
 (preparation of pyrazole derivs. useful as COX-1 inhibitors)
 RN 705939-67-9 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-
 pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 2 OF 6 USPATFULL on STN
 AN 2006:152244 USPATFULL
 TI Pyrazole derivative
 IN Kanaya, Naoaki, Tokyo, JAPAN
 Ishihara, Hiroaki, Tokyo, JAPAN
 Kimura, Youichi, Tokyo, JAPAN
 Ishiyama, Takashi, Tokyo, JAPAN
 Ochiai, Yuichi, Tokyo, JAPAN
 PA DAIICHI PHARMACEUTICAL CO., LTD., Tokyo, JAPAN, 103-8234 (non-U.S.
 corporation)
 PI US-20060128685 A1 20060615
 AI 2004US-000543915 A1 20040206 (10)
 2004WO-JP0001259 20040206
 20050729 PCT 371 date
 PRAI 2003JP-0000031639 20030207
 2003JP-000386515 20031117
 DT Utility
 FS APPLICATION
 LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,
 ALEXANDRIA, VA, 22314, US
 CLMN Number of Claims: 19
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 8901
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB The present invention is directed to a strong platelet
 aggregation-inhibiting agent which does not inhibit COX-1 or COX-2.
 The present invention provides compounds represented by formula (I) or
 formula (II), salts of the compounds, and solvates of the compounds or

the salts. Also provided are medicaments containing any of the compounds, salts, or solvates and preventive and/or therapeutic agents for ischemic diseases, containing any of the compounds, salts, or the solvates. ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 741286-30-6P 741286-47-5P 741286-81-7P

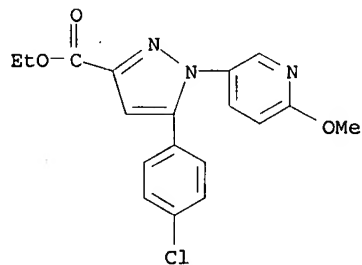
741286-83-9P 741286-88-4P 741286-91-9P

741286-93-1P 741287-78-5P 741287-84-3P

(preparation of pyrazole derivs. as antiplatelet aggregation agents for treatment of ischemic diseases)

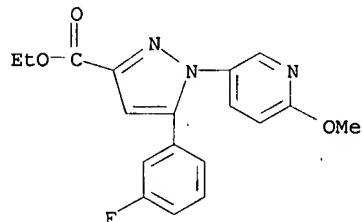
RN 741286-30-6 USPATFULL

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-chlorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



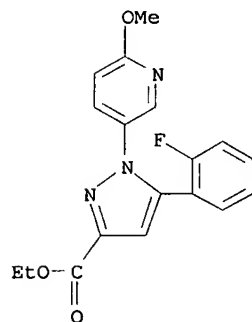
RN 741286-47-5 USPATFULL

CN 1H-Pyrazole-3-carboxylic acid, 5-(3-fluorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



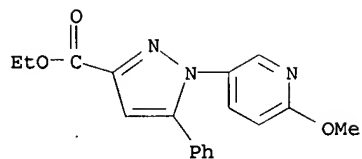
RN 741286-81-7 USPATFULL

CN 1H-Pyrazole-3-carboxylic acid, 5-(2-fluorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)

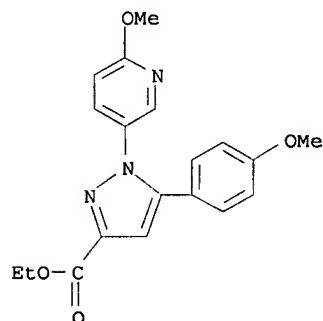


RN 741286-83-9 USPATFULL

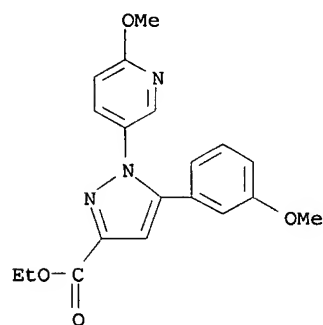
CN 1H-Pyrazole-3-carboxylic acid, 1-(6-methoxy-3-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



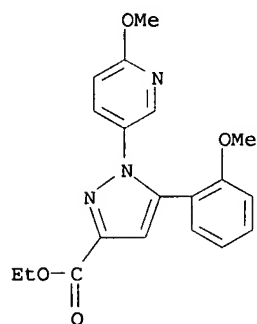
RN 741286-88-4 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



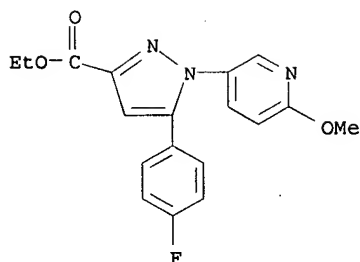
RN 741286-91-9 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(3-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



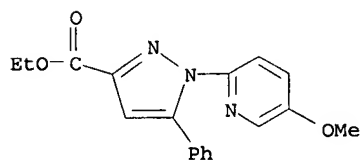
RN 741286-93-1 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(2-methoxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 741287-78-5 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 5-(4-fluorophenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 741287-84-3 USPATFULL
 CN 1H-Pyrazole-3-carboxylic acid, 1-(5-methoxy-2-pyridinyl)-5-phenyl-, ethyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 3 OF 6 USPATFULL on STN
 AN 2004:152253 USPATFULL
 TI Pyrazole derivatives
 IN Shirai, Fumiyuki, Osaka, JAPAN
 Azami, Hidenori, Osaka, JAPAN
 Kayakiri, Natsuko, Osaka, JAPAN
 Okumura, Kazuo, Osaka, JAPAN
 Nakamura, Katsuya, Osaka, JAPAN
 PA FUJISAWA PHARMACEUTICAL CO., LTD., Osaka-shi, JAPAN (non-U.S. corporation)
 PI US-20040116475 A1 20040617
 US-----7183306 B2 20070227
 AI 2003US-000706999 A1 20031114 (10)
 PRAI 2002AU-2002953019 20021202
 2002AU-2002953602 20021230
 2003AU-2003902015 20030429
 DT Utility
 FS APPLICATION
 LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET, ALEXANDRIA, VA, 22314
 CLMN Number of Claims: 12
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 9237
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A compound of the formula (I): ##STR1##

wherein R.sup.1 is hydrogen or lower alkyl;

R.sup.2 is lower alkyl, etc.;

R.sup.3 is lower alkoxy, etc.;

R.sup.4 is hydroxy, etc.;

X is O, S, etc.;

Y is CH or N;

Z is lower alkylene or lower alkenylene; and

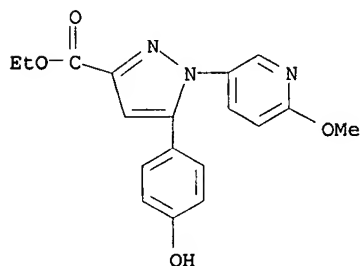
m is 0 or 1; or salts thereof, which are useful as a medicament.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 705939-67-9P

(preparation of pyrazole derivs. useful as COX-1 inhibitors)

RN 705939-67-9 USPATFULL

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 4 OF 6 USPATFULL on STN

AN 86:73304 USPATFULL

TI Cyanopyrazole intermediates

IN Beck, James R., Indianapolis, IN, United States

PA Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

PI US-----4631343 19861223

AI 1984US-000650160 19840913 (6)

RLI Continuation-in-part of Ser. No. 1983US-000549111, filed on 7 Nov 1983, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Schwartz, Richard A.; Assistant Examiner: Briscoe, Kurt G.

LREP Page, Kathleen R. S., Jones, Joseph A.

CLMN Number of Claims: 15

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 769

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB 5-Cyano-1-substituted-1H-pyrazole-4-carboxylic acids and esters useful as intermediates to the corresponding 4-carboxamide derivatives having herbicidal and algicidal activity.

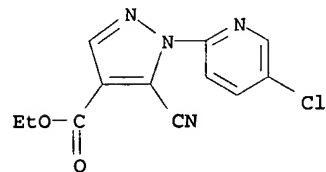
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 98476-17-6P

(preparation of, as algicide and herbicide intermediate)

RN 98476-17-6 USPATFULL

CN 1H-Pyrazole-4-carboxylic acid, 1-(5-chloro-2-pyridinyl)-5-cyano-, ethyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 5 OF 6 USPATFULL on STN

AN 86:29482 USPATFULL

TI Herbicidal and algicidal 1-aryl-5-cyano-1H-pyrazole-4-carboxamides

IN Beck, James R., Indianapolis, IN, United States

PA Eli Lilly and Company, Indianapolis, IN, United States (U.S. corporation)

PI US-----4589905 19860520

AI 1984US-000650132 19840913 (6)

RLI Continuation-in-part of Ser. No. 1983US-000549133, filed on 7 Nov 1983, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Schwartz, Richard A.; Assistant Examiner: Briscoe, Kurt G.
 LREP Page, Kathleen R. S., Barclay, Bruce J., Whale, Arthur R.
 CLMN Number of Claims: 45
 ECL Exemplary Claim: 1,33
 DRWN No Drawings
 LN.CNT 2614

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to compounds of the formula ##STR1## wherein R.sup.1 is C.sub.1 -C.sub.6 alkyl, C.sub.5 -C.sub.6 cycloalkyl, ##STR2## each of R.sup.2 and R.sup.3 is taken separately and is independently hydrogen, C.sub.1 -C.sub.4 alkyl, C.sub.3 -C.sub.4 alkenyl, C.sub.3 -C.sub.4 alkynyl, C.sub.3 -C.sub.4 cycloalkyl or C.sub.1 -C.sub.3 alkoxy, or

R.sup.2 and R.sup.3 are taken together with the nitrogen atom to which they are attached and form piperidine, morpholine or pyrrolidine;

each R.sup.4 independently is halogen, C.sub.1 -C.sub.4 alkyl, C.sub.1 -C.sub.4 alkoxy, C.sub.1 -C.sub.4 haloalkyl, C.sub.1 -C.sub.4 haloalkoxy or cyano;

X is 0 or S; and

m is 0-3;

with the provisos that when R.sup.4 is C.sub.1 -C.sub.4 alkyl, that substituent exists at other than the 2 or 6 position of the phenyl ring; and when R.sup.2 is C.sub.1 -C.sub.3 alkoxy, R.sup.3 is other than C.sub.1 -C.sub.3 alkoxy.

These compounds exhibit activity as terrestrial herbicides, aquatic herbicides, and aquatic algicides.

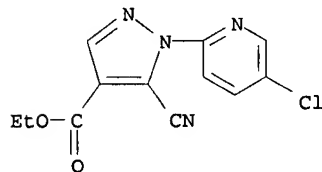
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 98476-17-6

(amidation of)

RN 98476-17-6 USPATFULL

CN 1H-Pyrazole-4-carboxylic acid, 1-(5-chloro-2-pyridinyl)-5-cyano-, ethyl ester (9CI) (CA INDEX NAME)



L26 ANSWER 6 OF 6 USPAT2 on STN
 AN 2004:152253 USPAT2
 TI Pyrazole derivatives
 IN Shirai, Fumiyuki, Osaka, JAPAN
 Azami, Hidenori, Osaka, JAPAN
 Kayakiri, Natsuko, Osaka, JAPAN
 Okumura, Kazuo, Osaka, JAPAN
 Nakamura, Katsuya, Osaka, JAPAN
 PA Astellas Pharma Inc., Tokyo, JAPAN (non-U.S. corporation)
 PI US-----7183306 B2 20070227
 AI 2003US-000706999 20031114 (10)
 PRAI 2002AU-2002953019 20021202
 2002AU-2002953602 20021230
 2003AU-2003902015 20030429
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Morris, Patricia L.
 LREP Oblon, Spivak, McClelland, Maier & Neustadt, P.C.
 CLMN Number of Claims: 6
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 9563
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound of the formula (I):

##STR1## wherein R.sup.1 is hydrogen or lower alkyl;

R.sup.2 is lower alkyl, etc.;

R.sup.3 is lower alkoxy, etc.;

R.sup.4 is hydroxy, etc.;

X is O, S, etc.;

Y is CH or N;

Z is lower alkylene or lower alkenylene; and

m is 0 or 1; or salts thereof, which are useful as a medicament.

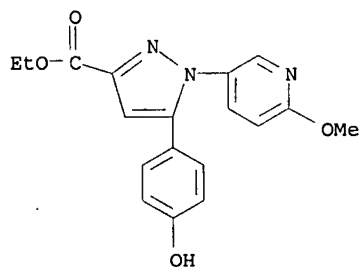
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 705939-67-9P

(preparation of pyrazole derivs. useful as COX-1 inhibitors)

RN 705939-67-9 USPAT2

CN 1H-Pyrazole-3-carboxylic acid, 5-(4-hydroxyphenyl)-1-(6-methoxy-3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 17:07:07 ON 19 SEP 2007)

FILE 'REGISTRY' ENTERED AT 17:07:20 ON 19 SEP 2007

ACT J064C1B/A

L1 STR
L2 239539 SEA FILE=REGISTRY SSS FUL L1

ACT J064C1D/A

L3 STR
L4 (239539)SEA FILE=REGISTRY SSS FUL L3
L5 STR
L6 (59980)SEA FILE=REGISTRY SUB=L4 SSS FUL L5
L7 STR
L8 (30343)SEA FILE=REGISTRY SUB=L6 SSS FUL L7
L9 STR
L10 (2389)SEA FILE=REGISTRY SUB=L8 SSS FUL L9
L11 (27954)SEA FILE=REGISTRY ABB=ON PLU=ON L8 NOT L10
L12 4795 SEA FILE=REGISTRY ABB=ON PLU=ON L11 AND 46.156.30/RID

L13 STR L7
L14 10 L13 SAM SUB=L12
L15 144 L13 FULL SUB=L12

FILE 'HCAPLUS' ENTERED AT 17:14:47 ON 19 SEP 2007

L16 1 US20070010531/PN

FILE 'REGISTRY' ENTERED AT 17:15:07 ON 19 SEP 2007

FILE 'HCAPLUS' ENTERED AT 17:15:09 ON 19 SEP 2007

L17 TRA L16 1- RN : 174 TERMS

FILE 'REGISTRY' ENTERED AT 17:15:10 ON 19 SEP 2007

L18 174 SEA L17
L19 0 L15 AND L18

FILE 'HCAPLUS' ENTERED AT 17:15:33 ON 19 SEP 2007
L20 34 L15
L21 27 L20 AND (PD<=20040310 OR AD<=20040310 OR PRD<=20040310)
SEL HIT RN L21

FILE 'REGISTRY' ENTERED AT 17:17:24 ON 19 SEP 2007
L22 96 E1-96
L23 12 L22 AND (C19H19N3O4 OR C18H16FN3O3 OR C12H9CLN4O2 OR C18H17N3O3

FILE 'HCAPLUS' ENTERED AT 17:38:15 ON 19 SEP 2007
L24 9 L23 AND L21

FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 17:41:19 ON 19 SEP 2007
L25 6 L24
L26 6 L23

FILE 'HCAOLD' ENTERED AT 17:42:39 ON 19 SEP 2007
L27 0 L23

FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 17:42:46 ON 19 SEP 2007

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